

Consideration of Natural and Human Environment

Environmental features are a key consideration in the transportation planning process. Section 102 of the National Environmental Policy Act (NEPA) requires consideration of impacts on wetlands, wildlife, water quality, historic properties, and public lands. While a full NEPA evaluation was not conducted as part of the CTP, potential impacts to these resources were identified as a part of the project recommendations in Chapter 2 of this report. Prior to implementing transportation recommendations of the CTP, a more detailed environmental study would need to be completed in cooperation with the appropriate environmental resource agencies.

A full listing of environmental features that were examined as a part of this study is shown in the following tables utilizing the best available data. Environmental features occurring within Currituck County are shown in Figure 8.

Table 1 – Environmental Features

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| <ul style="list-style-type: none">• Airport Boundaries• Anadromous Fish Spawning Areas• Beach Access Sites• Bike Routes (NCDOT)• Coastal Marinas• Colleges and Universities• Conservation Tax Credit Properties• Emergency Operation Centers• Federal Land Ownership• Fisheries Nursery Areas• Geology (including Dikes and Faults)• Hazardous Substance Disposal Sites• Hazardous Waste Facilities• High Quality Water and Outstanding Resource Water Management Zones• Hospital Locations• Hydrography (1:24,000 scale)• Land Trust Priority Areas• National Heritage Element Occurrences• National Wetlands Inventory | <ul style="list-style-type: none">• North Carolina Coastal Region Evaluation of Wetland Significance (NC-CREWS)• Paddle Trails – Coastal Plain• Railroads (1:24,000 scale)• Recreation Projects – Land and Water Conservation Fund• Sanitary Sewer Systems – Discharges, Land Application Areas, Pipes, Pumps and Treatment Plants• Schools – Public and Non-Public• Shellfish Strata• Significant Natural Heritage Areas• State Parks• Submersed Rooted Vasculars• Target Local Watersheds - EEP• Trout Streams (DWQ)• Trout Waters (WRC)• Water Distribution Systems – Pipes, Pumps, Tanks, Treatment Plants, and Wells• Water Supply Watersheds• Wild and Scenic Rivers |
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